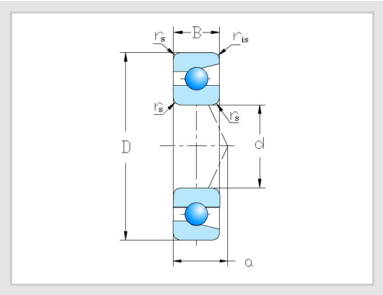
Single Row Angular Contact Ball Bearings
7300 Series angular contact ball bearings

WUXI GUANGQIANG BEARING TRADE CO.,LTD





Bearing Numbers				Principal dimensions(mm)					Basic load ratings(N)		Basic load ratings(kgf)		Value	Limiting Speed (rpm)		Distance of action point(mm)	Abutment and fillet dimensions			Weight	Basic load ratings(duplex bearing) (N)		Basic load ratings(duplex bearing) (kgf)		Limiting Speed(duplex bearing) (rpm)		Distance of action point (duplex bearing)(a0)		Installation dimensions(duplex bearing)		
Single row	DB	DF	DT	d	D	B	r(min)	r1(min)	Cr	Cor	Cr	Cor	fo	Grease	Oil	a	da(min)	Da(max)	ra(max)	(kg)	Cr	Cor	Cr	Cor	Grease	Oil	back-to-back arrangement	face-to-face arrangement	db(min)	Db(max)	rb(max)
7300A	7300DB	7300DF	7300DT	10	35	11	0.6	0.3	9300	4300	950	440	12.2	20000	26000	12	15	30	0.6	0.053	15100	8600	1540	880	16000	22000	24	2	12.5	32.5	0.3
7300B	7300DB	7300DF	7300DT	10	35	11	0.6	0.3	8750	4050	890	410	12.9	18000	24000	14.9	15	30	0.6	0.054	14200	8100	1450	825	14000	20000	29.9	7.9	12.5	32.5	0.3
7301A	7301DB	7301DF	7301DT	12	37	12	1	0.6	9450	4500	965	460	12.7	18000	24000	13.1	18	31	1	0.06	15400	9000	1570	915	15000	20000	26.1	2.1	17	32	0.6
7301B	7301DB	7301DF	7301DT	12	37	12	1	0.6	8850	4200	900	425	13.4	16000	22000	16.3	18	31	1	0.061	14400	8400	1460	855	13000	18000	32.6	8.6	17	32	0.6
7302A	7302DB	7302DF	7302DT	15	42	13	1	0.6	13400	7100	1370	720	13	16000	22000	14.7	21	36	1	0.084	21800	14200	2220	1440	13000	17000	29.5	3.5	20	37	0.6
7302B	7302DB	7302DF	7302DT	15	42	13	1	0.6	12500	6600	1270	670	13.6	14000	19000	18.5	21	36	1	0.086	20200	13200	2060	1340	11000	15000	36.9	10.9	20	37	0.6
7303A	7303DB	7303DF	7303DT	17	47	14	1	0.6	15900	8650	1630	880	13.1	14000	19000	16.2	23	41	1	0.116	25900	17300	2640	1760	11000	15000	32.5	4.5	22	42	0.6
7303B	7303DB	7303DF	7303DT	17	47	14	1	0.6	14800	8000	1510	820	13.7	13000	17000	20.4	23	41	1	0.118	24000	16000	2450	1640	10000	14000	40.9	12.9	22	42	0.6
7304A	7304DB	7304DF	7304DT	20	52	15	1.1	0.6	18700	10400	1910	1060	13.2	13000	17000	17.9	27	45	1	0.146	30500	20800	3100	2130	10000	13000	35.8	5.8	25	47	0.6
7304B	7304DB	7304DF	7304DT	20	52	15	1.1	0.6	17300	9650	1770	985	13.9	11000	15000	22.6	27	45	1	0.15	28200	19300	2870	1970	9000	12000	45.2	15.2	25	47	0.6
7305A	7305DB	7305DF	7305DT	25	62	17	1.1	0.6	26400	15800	2690	1610	13.5	10000	14000	21.1	32	55	1	0.235	43000	31500	4400	3250	8500	11000	42.1	8.1	30	57	0.6
7305B	7305DB	7305DF	7305DT	25	62	17	1.1	0.6	24400	14600	2490	1490	14.1	9000	13000	26.7	32	55	1	0.241	39500	29300	4050	2980	7500	10000	53.5	19.5	30	57	0.6
7306A	7306DB	7306DF	7306DT	30	72	19	1.1	0.6	33500	20900	3450	2130	13.6	9000	12000	24.2	37	65	1	0.346	54500	41500	5600	4250	7100	9500	48.4	10.4	35	67	0.6
7306B	7306DB	7306DF	7306DT	30	72	19	1.1	0.6	31000	19300	3150	1960	14.2	8000	11000	30.9	37	65	1	0.354	50500	38500	5150	3950	6300	8500	61.8	23.8	35	67	0.6
7307A	7307DB	7307DF	7307DT	35	80	21	1.5	1	40000	26300	4050	2680	13.9	8000	10000	27.1	44	71	1.5	0.464	65000	52500	6600	5350	6300	8500	54.2	12.2	41	74	1
7307B	7307DB	7307DF	7307DT	35	80	21	1.5	1	36500	24200	3750	2460	14.7	7100	9500	34.6	44	71	1.5	0.474	59500	48500	6100	4950	5600	7500	69.2	27.2	41	74	1
7304A	7304DB	7304DF	7304DT	20	52	15	1.1	0.6	18700	10400	1910	1060	13.2	13000	17000	17.9	27	45	1	0.146	30500	20800	3100	2130	10000	13000	35.8	5.8	25	47	0.6
7304B	7304DB	7304DF	7304DT	20	52	15	1.1	0.6	17300	9650	1770	985	13.9	11000	15000	22.6	27	45	1	0.15	28200	19300	2870	1970	9000	12000	45.2	15.2	25	47	0.6
7305A	7305DB	7305DF	7305DT	25	62	17	1.1	0.6	26400	15800	2690	1610	13.5	10000	14000	21.1	32	55	1	0.235	43000	31500	4400	3250	8500	11000	42.1	8.1	30	57	0.6
7305B	7305DB	7305DF	7305DT	25	62	17	1.1	0.6	24400	14600	2490	1490	14.1	9000	13000	26.7	32	55	1	0.241	39500	29300	4050	2980	7500	10000	53.5	19.5	30	57	0.6
7306A	7306DB	7306DF	7306DT	30	72	19	1.1	0.6	33500	20900	3450	2130	13.6	9000	12000	24.2	37	65	1	0.346	54500	41500	5600	4250	7100	9500	48.4	10.4	35	67	0.6
7306B	7306DB	7306DF	7306DT	30	72	19	1.1	0.6	31000	19300	3150	1960	14.2	8000	11000	30.9	37	65	1	0.354	50500	38500	5150	3950	6300	8500	61.8	23.8	35	67	0.6
7307A	7307DB	7307DF	7307DT	35	80	21	1.5	1	40000	26300	4050	2680	13.9	8000	10000	27.1	44	71	1.5	0.464	65000	52500	6600	5350	6300	8500	54.2	12.2	41	74	1
7307B	7307DB	7307DF	7307DT	35	80	21	1.5	1	36500	24200	3750	2460	14.7	7100	9500	34.6	44	71	1.5	0.474	59500	48500	6100	4950	5600	7500	69.2	27.2	41	74	1
7308A	7308DB	7308DF	7308DT	40	90	23	1.5	1	49000	33000	5000	3350	14	7100	9000	30.3	49	81	1.5	0.633	79500	66000	8100	6700	5600	7500	60.5	14.5	46	84	1
7308B	7308DB	7308DF	7308DT	40	90	23	1.5	1	45000	30500	4550	3100	14.5	6300	8500	38.8	49	81	1.5	0.648	73000	60500	7400	6200	5000	6700	77.5	31.5	46	84	1
7309A	7309DB	7309DF	7309DT	45	100	25	1.5	1	63500	43500	6450	4450	13.7	6300	8500	33.4	54	91	1.5	0.848	103000	87000	10500	8900	5000	6700	66.9	16.9	51	94	1
7309B	7309DB	7309DF	7309DT	45	100	25	1.5	1	58500	40000	5950	4100	14.3	5600	7500	42.9	54	91	1.5	0.869	95000	80500	9650	8200	4500	6000	85.8	35.8	51	94	1
7310A	7310DB	7310DF	7310DT	50	110	27	2	1	74000	52000	7550	5300	13.8	5600	7500	36.6	60	100	2	1.1	121000	104000	12300	10600	4500	6000	73.2	19.2	56	104	1
7310B	7310DB	7310DF	7310DT	50	110	27	2	1	68000	48000	6950	4900	14.4	5000	6700	47.1	60	100	2	1.12	111000	96000	11300	9800	4000	5600	94.1	40.1	56	104	1
7311A	7311DB	7311DF	7311DT	55	120	29	2	1	86000	61500	8750	6250	13.9	5000	6700	39.8	65	110	2	1.41	139000	123000	14200	12500	4000	5600	79.5	21.5	61	114	1
7311B	7311DB	7311DF	7311DT	55	120	29	2	1	79000	56500	8050	5750	14.4	4500	6300	51.2	65	110	2	1.45	128000	113000	13100	11500	3600	5000	102.4	44.4	61	114	1
7312A	7312DB	7312DF	7312DT	60	130	31	2.1	1.1	98000	71500	10000	7250	13.9	4800	6300	42.9	72	118	2	1.74	159000	143000	16200	14500	3800	5000	85.9	23.9	67	123	1
7312B	7312DB	7312DF	7312DT	60	130	31	2.1	1.1	90000	65500	9200	6700	14.4	4300	5600	55.4	72	118	2	1.78	146000	131000	14900	13400	3400	4500	110.7	48.7	67	123	1
7313A	7313DB	7313DF	7313DT	65	140	33	2.1	1.1	111000	82000	11300	8350	14	4300	6000	46.1	77	128	2	2.12	180000	164000	18400	16700	3600	4800	92.2	26.2	72	133	1
7313B	7313DB	7313DF	7313DT	65	140	33	2.1	1.1	102000	75500	10400	7700	14.5	3800	5300	59.5	77	128	2	2.17	166000	151000	16900	15400	3200	4300	119	53	72	133	1
7314A	7314DB	7314DF	7314DT	70	150	35	2.1	1.1	125000	93500	12700	9550	14.2	4000	5300	49.3	82	138	2	2.6	203000	187000	20700	19100	3200	4300	98.5	28.5	77	143	1
7314B	7314DB	7314DF	7314DT	70	150	35	2.1	1.1	114000	86000	11700	8750	14.5	3600	5000	63.6	82	138	2	2.65	186000	172000	19000	17500	1800	4000	127.3	57.3	77	143	1
7315A	7315DB	7315DF	7315DT	75	160	37	2.1	1.1	136000	106000	13800	10800	14	3800	5000	52.4	87	148	2	3.13	221000	212000	22500	21600	3000	4000	104.8	30.8	82	153	1
7315B	7315DB	7315DF	7315DT	75	160	37	2.1	1.1	125000	97500	12700	9900	14.5	3400	4800	67.8	87	148	2	3.19	202000	195000	20600	19800	2800	3800	135.6	61.6	82	153	1
7312A	7312DB	7312DF	7312DT	60	130	31	2.1	1.1	98000	71500	10000	7250	13.9	4800	6300	42.9	72	118	2	1.74	159000	143000	16200	14500	3800	5000	85.9	23.9	67	123	1
7312B	7312DB	7312DF	7312DT	60	130	31	2.1	1.1	90000	65500	9200	6700	14.4	4300	5600	55.4	72	118	2	1.78	146000	131000	14900	13400	3400	4500	110.7	48.7	67	123	1
7313A	7313DB	7313DF	7313DT	65	140	33	2.1	1.1	111000	82000	11300	8350	14	4300	6000	46.1	77	128	2	2.12	180000	164000	18400	16700	3600	4800	92.2	26.2	72	133	1
7313B	7313DB	7313DF	7313DT	65	140	33	2.1	1.1	102000	75500	10400	7700	14.5	3800	5300	59.5	77	128	2	2.17	166000	151000	16900	15400	3200	4300	119	53	72	133	1
7314A	7314DB	7314DF	7314DT	70	150	35	2.1	1.1	125000	93500	12700	9550	14.2	4000	5300	49.3	82	138	2	2.6	203000	187000	20700	19100	3200	4300	98.5	28.5	77	143	1
7314B	7314DB	7314DF	7314DT	70	150	35	2.1	1.1	114000	86000	11700	8750	14.5	3600	5000	63.6	82	138	2	2.65	186000	172000	19000	17500	1800	4000	127.3	57.3	77	143	1
7315A	7315DB	7315DF	7315DT	75	160	37	2.1	1.1	136000	106000	13800	10800	14	3800	5000	52.4	87	148	2	3.13	221000	212000	22500	21600	3000	4000	104.8	30.8	82	153	1
7315B	7315DB	7315DF	7315DT	75	160	37	2.1	1.1	125000	97500	12700	9900	14.5	3400	4800	67.8	87	148	2	3.19	202000	195000	20600	19800	2800	3800	135.6	61.6	82	153	1
7316A	7316DB	7316DF	7316DT	80	170	39	2.1	1.1	147000	119000	15000	12100	14	3600	4800	55.6	92	158	2	3.71	239000	238000	24400	24200	2800	3800	111.2	33.2	87	163	1
7316B	7316DB	7316DF	7316DT	80	170	39	2.1	1.1	135000	109000	13800	11100	14.5	3200	4300	71.9	92	158	2	3.79	219000	218000	22400	22300	2600	3400	143.9	65.9	87	163	1
7317A	7317DB	7317DF	7317DT	85	180	41	3	1.1	159000	133000	16200	13500	14.1	3400	4500	58.8	99	166	2.5	4.33	258000	265000	26300	27000	2600	3600	117.5	35.5	92	173	1
7317B	7317DB	7317DF	7317DT	85	180	41	3	1.1	146000	122000	14800	12400	14.6	3000	4000	76.1	99	166	2.5	4.43	236000	244000	24100	24800	2400	3200	152.2	70.2	92	173	1
7318A	7318DB	7318DF	7318DT	90	190	43	3	1.1	171000	147000	17400	15000	14.1	3200	4300	61.9	104	176	2.5	5.06	277000	294000	28300	30000	2600	3400	123.8	37.8	97	183	1
7318B	7318DB	7318DF	7318DT	90	190	43	3	1.1	156000	135000	15900	13800	14.6	2800	3800	80.2	104	176	2.5	5.17	254000	270000	25900	27600	2200	3000	160.5	74.5	97	183	1
7319A	7319DB	7319DF	7319DT	95	200	45	3	1.1	183000	162000	18600	16600	14.1	3000	4000	65.1	109	186	2.5	5.83	297000	325000	30500	33000	2400	3200	130.2	40.2	102	193	1
7319B	7319DB	7319DF	7319DT	95	200	45	3	1.1	167000	149000	17100	15200	14.6	2600	3600	84.3	109	186	2.5	5.98	272000	298000	27700	30500	2200	3000	168.7	78.7	102	193	1
7316A	7316DB	7316DF	7316DT	80	170	39	2.1	1.1	147000	119000	15000	12100	14	3600	4800	55.6	92	158	2	3.71	239000	238000	24400	24200	2800	3800	111.2	33.2	87	163	1
7316B	7316DB	7316DF	7316DT	80	170	39	2.1	1.1	135000	109000	13800	11100	14.5	3200	4300	71.9	92	158	2	3.79	219000	218000	22400	22300	2600	3400	143.9	65.9	87	163	1
7317A	7317DB	7317DF	7317DT	85	180	41	3	1.1	159000	133000	16200	13500	14.1	3400	4500	58.8	99	166	2.5	4.33	258000	265000	26300	27000	2600	3600	117.5	35.5	92	173	1
7317B	7317DB	7317DF	7317DT	85	180	41	3	1.1	146000	122000	14800	12400	14.6	3000	4000	76.1	99	166	2.5	4.43	236000	244000	24100	24800	2400	3200	152.2	70.2	92	173	1
7318A	7318DB	7318DF	7318DT	90	190	43	3	1.1	171000	147000	17400	15000	14.1	3200	4300	61.9	104	176	2.5	5.06	277000	294000	28300	30000	2600	3400	123.8	37.8	97	183	1
7318B	7318DB	7318DF	7318DT	90	190	43	3	1.1	156000	135000	15900	13800	14.6	2800	3800	80.2	104	176	2.5	5.17	254000	270000	25900	27600	2200	3000	160.5	74.5	97	183	1
7319A	7319DB	7319DF	7319DT	95	200	45	3	1.1	183000	162000	18600	16600	14.1	3000	4000	65.1	109	186	2.5	5.83	297000	325000	30500	33000	2400	3200	130.2	40.2	102	193	1
7319B	7319DB	7319DF	7319DT	95	200	45	3	1.1	167000	149000	17100	15200	14.6	2600	3600	84.3	109	186	2.5	5.98	272000	298000	27700	30500	2200	3000	168.7	78.7	102	193	1
7320A	7320DB	7320DF	7320DT	100	215	47	3	1.1	207000	193000	21100	19700	14	2800	3800	69	114	201	2.5	7.29	335000	385000	34500	39500	2200	3000	137.9	43.9	107	208	1
7320B	7320DB	7320DF	7320DT	100	215	47	3	1.1	190000	178000	19400	18100	14.5	2400	3400	89.6	114	201	2.5	7.43	310000	355000	31500	36000	2000	2800	179.2	85.2	107	208	1
7321A	7321DB	7321DF	7321DT	105	225	49	3	1.1	208000	193000	21200	19700	14.2	2600	3600	72.1	119	211	2.5	9.34	335000	385000	34500	39500	2200	2800	144.3	46.3	-	218	1
7321B	7321DB	7321DF	7321DT	105	225	49	3	1.1	191000	177000	19400	18100	14.5	2400	3200	93.7	119	211	2.5	9.43	310000	355000	31500	36000	1900	2600	187.4	89.4	-	218	1
7322A	7322DB	7322DF	7322DT	110	240	50	3	1.1	220000	215000	22500	21900	14.2	2600	3400	75.5	124	226	2.5	11.1	360000	430000	36500	44000	2000	2600	151	51	-	233	1
7322B	7322DB	7322DF	7322DT	110	240	50	3	1.1	201000	197000	20500	20100	14.8	2200	3000	98.4	124	226	2.5	11.2	325000	395000	33500	40000	1800	2400	196.8	96.8	-	233	1
7324A	7324DB	7324DF	7324DT	120	260	55	3	1.1	246000	252000	25100	25700	14.2	2200	3000	82.3	134	246	2.5	14.5	400000	505000	41000	51500	1800	2400	164.7	54.7	-	253	1
7324B	7324DB	7324DF	7324DT	120	260	55	3	1.1	225000	231000	23000	23600	14.8	2000	2800	107.2	134	246	2.5	14.4	365000	460000	37500	47000	1600	2200	214.4	104.4	-	253	1
7326A	7326DB	7326DF	7326DT	130	280	58	4	1.5	273000	293000	27900	29800	14.2	2200	2800	88.2	148	262	3	17.5	445000	585000	45500	59500	1700	2200	176.3	60.3	-	271	1.5
7326B	7326DB	7326DF	7326DT	130	280	58	4	1.5	250000	268000	25500	27400	14.8	1900	2600	115	148	262	3	17.6	405000	535000	41500	54500	1500	2000	230	114	-	271	1.5
7328A	7328DB	7328DF	7328DT	140	300	62	4	1.5	300000	335000	30500	34500	14.3	2000	2600	94.5	158	282	3	21.4	490000	670000	50000	68500	1600	2000	189	65	-	291	1.5
7328B	7328DB	7328DF	7328DT	140	300	62	4	1.5	275000	310000	28100	31500	14.8	1700	2400	123.3	158	282	3	21.6	445000	615000	45500	63000	1400	1900	246.6	122.6	-	291	1.5
7330A	7330DB	7330DF	7330DT	150	320	65	4	1.5	315000	370000	32500	38000	14.5	1800	2400	100.3	168	302	3	26	515000	745000	52500	75500	1500	1900	200.7	70.7	-	311	1.5
7330B	7330DB	7330DF	7330DT	150	320	65	4	1.5	289000	340000	29400	34500	15	1600	2200	131.1	168	302	3	25.9	470000	680000	48000	69500	1300	1800	262.2	132.2	-	311	1.5
7332A	7332DB	7332DF	7332DT	160	340	68	4	1.5	345000	420000	35500	43000	14.5	1700	2200	106.2	178	322	3	30.7	565000	845000	57500	86000	1400	1800	212.3	76.3	-	331	1.5
7332B	7332DB	7332DF	7332DT	160	340	68	4	1.5	315000	385000	32000	39500	15	1500	2000	138.9	178	322	3	30.8	515000	770000	52500	78500	1200	1700	277.8	141.8	-	331	1.5
7334A	7334DB	7334DF	7334DT	170	360	72	4	1.5	390000	485000	39500	49500	14.3	1600	2200	112.5	188	342	3	35.8	630000	970000	64500	99000	1300	1700	225	81	-	351	1.5
7334B	7334DB	7334DF	7334DT	170	360	72	4	1.5	355000	445000	36000	45500	14.8	1400	2000	147.2	188	342	3	35.6	575000	890000	59000	90500	1100	1600	294.3	150.3	-	351	1.5
7336A	7336DB	7336DF	7336DT	180	380	75	4	1.5	410000	535000	41500	54500	14.5	1500	2000	118.3	198	362	3	42.1	665000	1070000	68000	109000	1200	1600	236.6	86.6	-	371	1.5
7336B	7336DB	7336DF	7336DT	180	380	75	4	1.5	375000	490000	38000	50000	15	1300	1800	155	198	362	3	42.6	605000	975000	62000	99500	1100	1500	309.9	159.9	-	371	1.5
7338A	7338DB	7338DF	7338DT	190	400	78	5	2	450000	600000	46000	61000	14.3	1400	1900	124.2	212	378	4	47.5	730000	1200000	74500	122000	1100	1500	248.3	92.3	-	390	2

7300 Series angular contact ball bearings

7338B	7338DB	7338DF	7338DT	190	400	78	5	2	410000	550000	42000	56000	14.8	1300	1700	162.8	212	378	4	47.2	670000	1100000	68000	112000	1000	1400	325.5	169.5	-	390	2
7340A	7340DB	7340DF	7340DT	200	420	80	6	2	475000	660000	48500	67000	14.5	1300	1800	129.5	222	398	4	54.4	770000	1320000	78500	134000	1100	1400	259	99	-	410	2
7340B	7340DB	7340DF	7340DT	200	420	80	5	2	430000	600000	44000	61500	15	1200	1600	170.1	222	398	4	55.3	700000	1200000	71500	123000	950	1300	340.1	180.1	-	410	2